1393450-5 ✔ ACTIVE

TE Internal #: 1393450-5

12 V, 52 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 2.15 mm / 3.25 mm [.08 in / .13 in] Centerline, Sealable

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **52**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	52
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	White
Connector & Keying Code	Neutral

Contact Features

Contact Size	1.5mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm[.06 in][.11 in]

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.15 mm, 3.25 mm[.08 in][.13 in]

Dimensions

Row-to-Row Spacing	4 mm, 6.5 mm[.15 in][.25 in]
Product Width	47.5 mm[1.87 in]
Product Length	95.5 mm[3.76 in]
Connector Height	35.2 mm[1.38 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	180
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

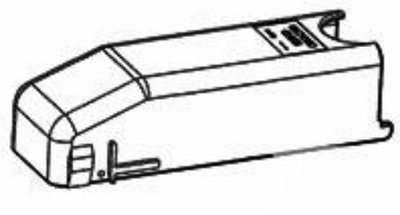
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 3-1579007-9
EXTRACTION TOOL



TE Part # 1393454-9
V23542C1052Z300=ABDECKK 52PDIC

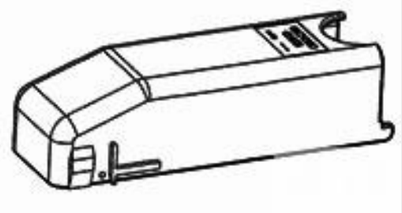
Customers Also Bought



TE Part #K1163730
Emergency switch ES-2003-T412-020C



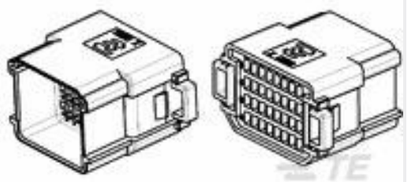
TE Part #1393436-4
V23542C1028B300=KABELBAUMST. 8



TE Part #1393454-7
V23542C1052Z102=52P ABDECKKAPP



TE Part #1801179-3
3W RECEPTACLE HPSL CONNECTOR GREY

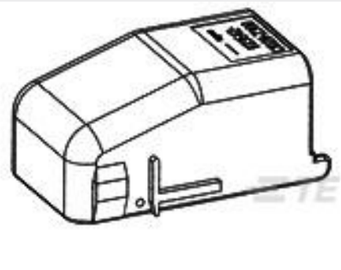


TE Part #1939850-1
ME 67M D1100 24P RX ASSY BLACK

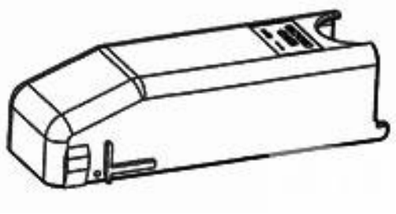


TE Part #1-2176505-5
CJP 120W 100R 5% Lead

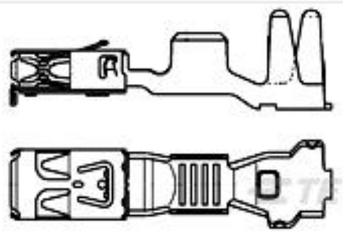
TE Part #CD80973001
ASC107468ACK0066



TE Part #1393454-5
V23542C1028Z300=ABDECKK 28PDIC



TE Part #1393454-9
V23542C1052Z300=ABDECKK 52PDIC



TE Part #1411594-1
ELOP2,8 F6000Y 65

Documents

Product Drawings

V23542C1052B300=KABELBAUMST 80

English

V23542C1052B300=KABELBAUMST 80

English

CAD Files

Customer View Model

ENG_CVM_CVM_1393450-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393450-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393450-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

product-1393450-5_datasheet

English